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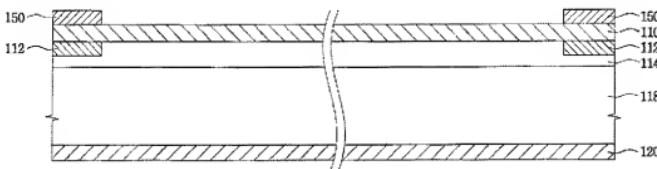
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(54) Title: SUPACE LIGHT SOURCE DEVICE



(57) Abstract: A surface light source device (100) includes a first substrate (110), an electrode (150), a discharge auxiliary layer (112), a fluorescent layer (114) and a second substrate (120). The discharge auxiliary layer (112) includes carbon nanotubes and an oxide. The surface light source device may further include a fluorescent layer. The surface light source device (100) may have a discharge fluorescent layer including carbon nanotubes, an oxide and a fluorescent material instead of a discharge auxiliary layer (112) and a fluorescent layer (114). Using carbon nanotubes and an oxide in the surface light source device, a discharge firing voltage and a discharge sustaining voltage may be lowered due to a geometric effect of a carbon nanotube and a high yield of secondary electrons. Therefore, efficiency of the surface light source device is improved, so that power consumption of an LCD apparatus is decreased and luminance of the LCD apparatus is increased.

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